



# CAIT

Center for Advanced Infrastructure & Transportation  
Rutgers, The State University of New Jersey

## QUARTERLY PROGRESS REPORT

Project Title:	The Future of Transportation Modeling		
RFP NUMBER: NJDOT 2001-19	NJDOT RESEARCH PROJECT MANAGER: Karl Brodtman		
TASK ORDER NUMBER/Study Number: 117 / 4-26856	PRINCIPAL INVESTIGATOR: Maria Boilé		
Study Start Date: 01/01/2002 Study End Date: 8/31/2004	Period Covered: 4 <sup>th</sup> Quarter 2003		

Task	% of Total	% of Task this quarter	% of Task to date	% of Total Complete
<b>Task 1</b> Detailed model comparison and development of a summary matrix	25%	0%	100%	25%
<b>Task 2</b> Conduct a survey to determine the potential future transportation models	25%	30%	90%	22.5%
<b>Task 3</b> Develop a plan to be followed by the Bureau of Technical Analysis if they wish to switch from their current models to others identified as future standards	20%	10%	25%	5%
<b>Task 4</b> Implementation and Training	15%	20%	40%	6%
<b>Task 5</b> Quarterly and final reports	15%	5%	60%	9%
<b>TOTAL</b>	100%			67.5%

### 1. Progress this quarter by task:

#### Task 2

*The list of contacts was finalized and the survey questionnaire was mailed out. Several responses have been received and their results are being summarized. Most of the responses came from the industry and a few from the academic sector. A document summarizing results of the survey is being produced. A summary of the responses for each question is being produced, as well as an overall summary of the industry's view on the future transportation models.*

#### Task 3

*Survey findings will be included in the plan to be developed.*

#### Task 4

*A first version of the interactive tool which allows comparison of the features of two selected software packages at a time is available. Contacts with software developers have been made and an attempt has been made to organize a software presentation.*

### 2. Proposed activities for next quarter by task

#### Task 2

*Based on the survey findings, recommendations on the models that will most likely be used in the future will be made.*

#### Task 3

*The plan to be followed by the Bureau of Technical Analysis will be updated further based on the survey results.*

#### Task 4

*The interactive tool will be finalized.*

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Department of Civil and Environmental Engineering

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3. List of deliverables provided in this quarter by task

N/A

4. Progress on Implementation and Training Activities

*Software developers have been contacted and an attempt has been made to organize a demonstration of one software package.*

5. Problems/Proposed Solutions

N/A

6. Budget Summary\*

Total Project Budget(# of years)	2 Years	\$ 125,124.00
Total Project Expenditure to date		\$124,225
% of Total Project Budget Expended		99%
Task Order Number/Study Number:		117 / 4-26856
Current Task Order Budget (# of years)	Year 1 and 2	\$ 125,124.00
Actual Expenditure to date against current task order		\$124,225
% of current task order budget expended		99%

\* These are approximate expended amounts for the project; these estimates are for reference only and should not be used for official accounting purposes. For a more accurate project accounting please review the quarterly invoice for this project.

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